



**STANDARDS OF APPRENTICESHIP**  
adopted by

**CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

<u>Skilled Occupational Objective(s):</u>	<u>(sponsor)</u>	<u>DOT</u>	<u>Term</u>
FIRE/MEDIC		373.364-014	7000 HOURS



**APPROVED BY**  
**Washington State Apprenticeship and Training Council**  
**REGISTERED WITH**  
**Apprenticeship Section of Specialty Compliance Services Division**  
Washington State Department Labor and Industries  
Post Office Box 44530  
Olympia, Washington 98504-4530

**APPROVAL:**

OCTOBER 18, 1985

Initial Approval

JULY 16, 2004

Committee Amended

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Standards Amended (review)

Standards Amended (administrative)

By: LAWRENCE CROW  
Chair of Council

By: PATRICK WOODS  
Secretary of Council

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

The Washington State Apprenticeship and Training Council (WSATC) has the authority to develop, administer, and enforce apprenticeship program standards (Standards) for the operation and success of an apprenticeship and training program in the State of Washington.

Apprenticeship programs and committees function, administer, or relinquish authority only with the consent of the WSATC and only apprentices registered with the supervisor or recognized under the terms and conditions of a reciprocal agreement will be recognized by the WSATC. Parties signatory to these Standards declare their purpose and policy is to establish and sponsor an organized system of registered apprenticeship training and education.

These Standards are in conformity and are to be used in conjunction with the Apprenticeship Rules, Chapter 296-05 WAC (Washington Administrative Code); Apprenticeship Act, Chapter 49.04 RCW (Revised Code of Washington); The National Apprenticeship Act, 29 U.S.C. (United States Code) 50; Apprenticeship Programs, Title 29 Part 29 CFR (Code of Federal Regulations); and Equal Employment Opportunity in Apprenticeship and Training, Title 29 Part 30 CFR which govern employment and training in apprenticeable occupations. They are part of this apprenticeship agreement and bind all signers to compliance with all provisions of registered apprenticeship. Additional information may need to be maintained by the program that is supplemental to these apprenticeship standards. This information is for purposes of ensuring compliance with decisions of the WSATC and the apprenticeship laws identified above.

If approved by the council, such amendment/s and such changes as adopted by the council shall be binding to all parties. Sponsors shall notify apprentices of changes as they are adopted by the council. If and when any part of these Standards becomes illegal, as pertains to federal and/or state law, that part and that part alone will become inoperative and null and void, and the Department of Labor and Industries (L&I) may adopt language that will conform to applicable law. The remainder of the Standards will remain in full force and effect.

See WAC 296-05-003 for the definitions necessary for use with these Standards.

**The following Standards for the development of the Centralia Fire/Medic apprentices, with supplements pertaining to the necessary work experience of the trade and a progressive wage scale will, when approved by and registered with the Registration Agency, govern the training of apprentices in this industry.**

### **I. GEOGRAPHIC AREA COVERED:**

The sponsor has no authority to conduct training outside of the geographical area covered by these Standards. The sponsor may enter into an agreement (portability agreements – see WAC 296-05-303(3)) with other apprenticeship committees for the use of apprentices by training agents that are working outside their approved geographic area. Also, if a reciprocity agreement (see WAC 296-05-327) is in place, the out-of-state sponsor may use their registered apprentices. The sponsor will ensure compliance with the provisions of any agreement recognized by the WSATC.

**The area covered by these Standards shall be the Centralia Fire Department in the City of Centralia, Lewis County.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **II. MINIMUM QUALIFICATIONS:**

Minimum qualifications must be clearly stated and applied in a nondiscriminatory manner (see WAC 296-05-316).

- Age: **Must be as least 21 years of age.**
- Education: **Must meet all the entrance and testing requirements for firefighter as listed in the Civil Service Rules for the City of Centralia Fire Department.**
- Physical: **Must meet all the entrance and testing requirements for firefighter as listed in the Civil Service Rules for the City of Centralia Fire Department.**
- Testing: **Must meet all the entrance and testing requirements for firefighter as listed in the Civil Service Rules for the City of Centralia Fire Department.**
- Other: **Must meet all the entrance and testing requirements for firefighter as listed in the Civil Service Rules for the City of Centralia Fire Department**

### **III. CONDUCT OF PROGRAM UNDER WASHINGTON EQUAL EMPLOYMENT OPPORTUNITY PLAN:**

Sponsors with five (5) or more apprentices must adopt an Equal Employment Opportunity (EEO) Plan and Selection Procedures (see Part D of Chapter 296-05 WAC and 29 CFR Part 30).

The recruitment, selection, employment and training of apprentices during their apprenticeship shall be without discrimination because of race, sex, color, religion, national origin, age, disability or as otherwise specified by law. The sponsor shall take positive action to provide equal opportunity in apprenticeship and will operate the apprenticeship program as required by the rules of the Washington State Apprenticeship and Training Council and Title 29, Part 30 of the Code of Federal Regulations. (WAC 296-05-316(3))

#### **A. Selection Procedures:**

**Exempt by reason of selection through Civil Service Rules, as per WAC 296-05-405(1)(b).**

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### **B. Equal Employment Opportunity Plan:**

**Exempt by reason of selection through Civil Service Rules, as per WAC 296-05-405(1)(b).**

#### **Discrimination Complaints.**

Any apprentice or applicant for apprenticeship who believes they have been discriminated against may file a complaint (WAC 296-05, Part D).

### **IV. TERM OF APPRENTICESHIP:**

The minimum term of apprenticeship must not be less than 2000 hours or 12 months of work experience in each occupation identified in these Standards as apprenticeable. The term of apprenticeship must be stated in hours or months of employment.

**The term of apprenticeship shall not be less than 7000 hours of reasonably continuous employment.**

### **V. INITIAL PROBATIONARY PERIOD:**

All apprentices are subject to an initial probationary period, stated in hours or months of employment for which they receive full credit toward completion of apprenticeship. Advance credit/standing will not reduce the initial probationary period. The initial probationary period:

- Is the period following the apprentice's acceptance into the program and during which the apprentice's appeal rights are impaired. The initial probation must not exceed twenty percent (20%) of the term of apprenticeship unless an exemption by the WSATC has been granted for longer probationary periods as specified by Civil Service or law.
- Is the period that the WSATC or the supervisor of apprenticeship may terminate an apprenticeship agreement at the written request by any affected party. The sponsor or the apprentice of the apprenticeship agreement may terminate the agreement without a hearing or stated cause. An appeal process is available to apprentices who have completed the initial probationary period.

**Centralia Fire Department is governed under Civil Service Rules. The probation period is the first 12 months of employment.**

### **VI. RATIO OF APPRENTICES TO JOURNEY LEVEL WORKERS:**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

Supervision is the necessary education, assistance, and control provided by a journey-level employee that is on the same job site at least seventy-five percent of each working day, unless otherwise approved by the WSATC. The sponsor will assure that apprentices are under the supervision of competent and qualified journey-level workers on the job who are responsible for the work being performed, to ensure safety and training in all phases of the work. Apprentices will work the same hours as journey-level workers, EXCEPT where such hours may interfere with related/supplemental instruction. (see WAC 296-05-316(5))

**For three (3) journey-level workers regularly employed, employer shall have one (1) apprentice and may have one (1) additional apprentice for each three (3) journey-level workers regularly employed thereafter.**

### **VII. APPRENTICE WAGES AND WAGE PROGRESSION:**

The apprentice will be paid a progressively increasing schedule of wages based on specified percentages of journey-level wage consistent with skills acquired. These may be indicated in hours or monthly periods set by the sponsor. The entry wage will not be less than the minimum wage prescribed by the Fair Labor Standards Act, where applicable, unless a higher wage is required by other applicable federal law, state law, respective regulations, or by collective bargaining agreement.

The sponsor may accelerate, by an evaluation process, the advancement of apprentices who demonstrate abilities and mastery of the occupation to the level for which they are qualified. When the apprentice is granted advanced standing the sponsor must notify the employer/training agent of the appropriate wage per the wage progression schedule specified in these Standards.

Step	Number of hours/months	Percentage of journey-level rate
<b>A</b>	<b>7 months (1166 hours)</b>	<b>77.50%</b>
<b>B</b>	<b>7 months (1166 hours)</b>	<b>81.50%</b>
<b>C</b>	<b>7 months (1167 hours)</b>	<b>85.50%</b>
<b>D</b>	<b>7 months (1167 hours)</b>	<b>89.50%</b>
<b>E</b>	<b>7 months (1167 hours)</b>	<b>93.00%</b>
<b>E</b>	<b>7 months (1167 hours)</b>	<b>96.50%</b>

**Note: Wages shall be established under the labor agreement between the city of Centralia and Local #451 of the I.A.F.F.**

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### **VIII. WORK PROCESSES:**

The apprentice shall receive on the job instruction and experience as is necessary to become a qualified journey-level worker versed in the theory and practice of the occupation covered by these Standards. The following is a condensed schedule of work experience, which every apprentice shall follow as closely as conditions will permit.

Employers/training agents shall only use registered apprentices to perform the work processes as stated in this section. (WAC 296-05-003 - Definitions)

**When the JATC determines the Apprentice Firefighter has satisfactorily completed all requirements of the Apprenticeship program, the JATC will notify the Department and the National Committee that a Journeyman Firefighter Certificate is being issued to signify a professional level of competence.**

#### **A. Fire/Medic**

#### **Approximate Hours**

#### **STEP A**

**1166 Hours**

#### **A 1.0 General**

**A 1.1 The Firefighter shall demonstrate knowledge of the Standard Operating Procedures and organization and operations of the Fire Department.**

#### **A 2.0 Safety**

**A 2.1 The Firefighter shall demonstrate the correct procedures for being a back-up man for moving apparatus as specified by the authority having jurisdiction.**

**A 2.2 The Firefighter shall demonstrate procedures for action required in removal of cave-in victims.**

**A 2.3 The Firefighter shall demonstrate knowledge of procedures to be followed in the use of all equipment and apparatus that the Firefighter may be called upon to use.**

#### **A 3.0 Fire Hose**

**A 3.1 The Firefighter, given the necessary equipment and operating as an individual and or member of a team, shall advance charged dry attack lines of two different sizes, both of which shall be 1-1/2 inch or larger, from a pumper:**

- a. into a structure.**
- b. up a ladder into an upper floor window.**

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- c. down/up an inside stairway to an upper floor.
- d. down/up an outside stairway to an upper floor.
- e. to an upper floor by hoisting.

- A 3.2 The Firefighter shall demonstrate the taking of and connection of fire hose to a hydrant.
- A 3.3 The Firefighter shall demonstrate hose rolls as specified by the authority having jurisdiction.
- A 3.4 The Firefighter shall demonstrate the methods of hose laying as specified by the authority having jurisdiction.
- A 3.5 The Firefighter shall demonstrate methods of hose carries as specified by the authority having jurisdiction.
- A 3.6 The Firefighter shall demonstrate methods of coupling and uncoupling fire hose as specified by the authority having jurisdiction.
- A 3.7 The Firefighter shall demonstrate the methods for extending a hose line and replacing a burst section as specified by the authority having jurisdiction.
- A 3.8 The Firefighter shall demonstrate cleaning fire hose, couplings and nozzles; and inspecting fire hose for damage.
- A 3.9 The Firefighter, given an approved Fire Department pumper, shall identify the sizes, types, amounts, and use of hose carried on that pumper.
- A 3.10 The Firefighter, given an approved Fire Department pumper, shall identify the use of hose adapters and appliances carried on that pumper.
- A 3.11 The Firefighter shall demonstrate the methods and purposes of loading fire hose on fire apparatus as prescribed by the authority having jurisdiction.

### **A 4.0 Ladders**

- A 4.1 The Firefighter shall identify all ladders and describe their uses as specified by the authority having jurisdiction.
- A 4.2 The Firefighter shall describe the types and features of ladder construction.
- A 4.3 The Firefighter shall demonstrate the proper procedure for inspection, care and maintenance of ladders as specified by the authority having jurisdiction.

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**A 4.4 The Firefighter shall demonstrate the following carries as specified by the authority having jurisdiction.**

- a. One person carry**
- b. Two person carry**
- c. Three person carry**
- d. Four person carry**
- e. Five person carry**
- f. Six person carry**

**A 4.5 The Firefighter, operating as an individual and as a team member, shall raise every type and size of ground ladder as specified by the authority having jurisdiction; and use three different raises for each ladder.**

**A 4.6 The Firefighter shall correctly climb, with and without equipment, the full length of every type of ground and aerial ladder as specified by the authority having jurisdiction.**

### **A 5.1 Operational Procedures of Pumper Company**

**A 5.1 The Firefighter shall manipulate the nozzle so as to attack at least two live fires, including a Class A fire and a Class B fire.**

**A 5.2 The Firefighter shall demonstrate how to properly open and close a nozzle.**

**A 5.3 The Firefighter shall identify several precautions to be followed while advancing hose lines to a fire.**

**A 5.4 The Firefighter shall explain the responsibilities of nozzleman and hydrantman as specified by the authority having jurisdiction.**

### **A 6.0 Operating Procedures of Ladder Company**

**A 6.1 The Firefighter shall explain the position responsibilities of individual ladder company personnel as specified by the authority having jurisdiction.**

### **A 7.0 Equipment and Appliance Handling**

**A 7.1 The Firefighter shall demonstrate inspection and maintenance of fire hose, couplings, equipment and appliances carried on Department apparatus.**

**A 7.2 The Firefighter, given an approved Fire Department apparatus, shall identify and explain the use of equipment and appliances carried on that apparatus to the authority having jurisdiction.**



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### **A 8.0 Water Supplies**

- A 8.1 The Firefighter shall demonstrate connecting hose line(s) to a Fire Department connection of an automatic sprinkler system.**
- A 8.2 The Firefighter shall identify a Fire Department sprinkler and standpipe connection, and water motor arm.**
- A 8.3 The Firefighter, when given the necessary equipment, shall effect the temporary stop of the flow of water from a sprinkler head.**
- A 8.4 The Firefighter shall demonstrate knowledge of the value of automatic sprinklers in providing safety to life of occupants in a structure.**
- A 8.5 The Firefighter shall determine fire hydrant usability by inspecting for:**
  - a. Obstruction to use of hydrant.**
  - b. Direction of hydrant outlets to suitability of use.**
  - c. Mechanical above-ground damage**
  - d. Condition of paint or rust and corrosion.**
  - e. The full flow by fully opening and closing the hydrant.**
  - f. Ability to drain.**
- A 8.6 The Firefighter shall define a fire stream.**
- A 8.7 The Firefighter, given a chart and table, shall identify and explain the approximate discharge capacities of various sizes of hose with layouts.**

### **A 9.0 Breathing Apparatus**

- A 9.1 The Firefighter shall demonstrate donning breathing apparatus while wearing protective clothing as specified by the authority having jurisdiction.**
- A 9.2 The Firefighter shall demonstrate the use, in a dense smoke environment, of all types of protective breathing apparatus used by the authority having jurisdiction.**
- A 9.3 The Firefighter shall demonstrate that protective breathing apparatus is in a safe condition for immediate use.**
- A 9.4 The Firefighter shall demonstrate proper procedure for cleaning and sanitizing protective breathing apparatus for future use as specified by the authority having jurisdiction.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **A 10.0 Forcible Entry**

**A 10.1 The Firefighter shall identify and demonstrate the use of each type of forcible entry tool as specified by the authority having jurisdiction.**

**A 10.2 The Firefighter shall demonstrate the method and procedure of properly cleaning, maintaining and inspecting each type of forcible entry tool as specified by the authority having jurisdiction.**

### **A 11.0 Search and Rescue Procedures**

**A 11.1 The Firefighter shall demonstrate the removal of injured persons from the immediate hazard by the use of carries, drags, and stretchers.**

**A 11.2 The Firefighter shall demonstrate the procedure for searching for victims in burning smoke-filled buildings or other hostile environments.**

**A 11.3 The Firefighter shall demonstrate and explain the uses of a life belt.**

### **A 12.0 Ventilation**

**A 12.1 The Firefighter shall define the principles of ventilation and identify the advantages and effects of ventilation.**

**A 12.2 The Firefighter shall identify the dangers present and precautions to be taken in performing ventilation.**

**A 12.3 The Firefighter shall demonstrate opening various types of windows; from inside, outside, with, and without the use of Fire Department tools.**

**A 12.4 The Firefighter shall demonstrate breaking windows and glass doors for ventilation without harm to himself or others.**

### **A 13.0 Fire Prevention**

**A 13.1 The Firefighter shall identify the actions to be taken whenever fires are of a suspicious nature as specified by the authority having jurisdiction.**

**A 13.2 The Firefighter shall demonstrate as an individual, the ability to recognize hazards and utilize proper inspection techniques while conducting building inspections.**

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**A 13.3 The Firefighter shall demonstrate the ability to follow departmental procedures for conducting and documenting inspections.**

### **A 14.0 Extinguisher**

**A 14.1 The Firefighter shall identify fire extinguisher application in relation to fire type.**

**A 14.2 The Firefighter, given a group of differing extinguisher, shall demonstrate the appropriate extinguisher for the various classes of fire.**

**Remarks:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**I certify that Firefighter \_\_\_\_\_  
has demonstrated competence in all of the above checked qualifications.**

_____ <b>Date</b>	_____ <b>Rank</b>	_____ <b>Supervisor Signature</b>
_____ <b>Date</b>	_____ <b>Rank</b>	_____ <b>JATC and/or Training Officer Signature</b>

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **Step B**

**1166 Hours**

#### **B 2.0 Ropes and Knots**

- B 2.1 The Firefighter, when given the name, picture, or actual knot used by the Department, shall identify it and describe the purpose for which it would be used.**
- B 2.2 The Firefighter, as an individual and as a member of a team, shall demonstrate folds and rolls of salvage covers as specified by the authority having jurisdiction.**
- B 2.3 The Firefighter, as an individual and as a member of a team, shall demonstrate salvage cover throws as specified by the authority having jurisdiction.**
- B 2.4 The Firefighter shall demonstrate the methods of inspection, cleaning, and maintaining salvage equipment.**

#### **B 3.0 Fire Chemistry and Behavior**

- B 3.1 The Firefighter shall demonstrate the knowledge of fire behavior to include the chemistry of fire, flame spread, flashover, phases of burning, classes of fire, backdraft, and heat transfer.**

#### **B 4.0 First Aid**

- B 4.1 The Firefighter shall demonstrate a primary survey for life threatening injuries.**
- B 4.2 The Firefighter shall demonstrate procedures for determining whether or not a victim has an open airway.**
- B 4.3 The Firefighter shall demonstrate procedures for establishing an open airway in a non-breathing person.**
- B 4.4 The Firefighter shall demonstrate the methods of resuscitation as specified by the authority having jurisdiction.**
- B 4.5 The Firefighter shall demonstrate cardiopulmonary resuscitation.**
- B 4.6 The Firefighter shall demonstrate techniques for controlling external bleeding.**

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- B 4.7 The Firefighter shall demonstrate techniques for auto extrication as specified by the authority having jurisdiction.**
- B 4.8 The Firefighter shall become certified as an Emergency Medical Technician (Washington State) and EMT/Defib. within the first 12 months of apprenticeship.**

### **B 5.0 Records and Reports**

- B 5.1 The Firefighter shall demonstrate filling out daily company records and reports as specified by the authority having jurisdiction.**

### **B 6.0 Electrical Hazards**

- B 6.1 The Firefighter shall demonstrate the correct use of all safety equipment to be used in electrical emergencies as prescribed by the authority having jurisdiction.**
- B 6.2 The Firefighter shall identify and explain how to handle electrical hazards encountered in fire situations and or hostile environments.**
- B 6.3 The Firefighter shall demonstrate shutting off an electrical service to a building.**

### **B 7.0 Live Fire Experience**

- B 7.1 The Firefighter shall demonstrate methods of fire attack and control in Class A type fires as specified by the authority having jurisdiction.**

### **B 8.0 Response Districts**

- B 8.1 The Firefighter shall familiarize himself with the response area mapbook and will be tested on streets, block numbers, and hydrant locations as specified. (pages #1-13)**

### **B 9.0 General: S.O.G's, Policy and Procedures**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **B 10.0 Safety**

**B 10.1 The Firefighter shall identify and explain dangerous building conditions created by fire or disaster, and precautions to protect other Firefighters as prescribed by the authority having jurisdiction.**

**B 10.2 The Firefighter shall demonstrate procedures for action when trapped disoriented in a fire and or hostile situation.**

### **B 11.0 Fire Hose**

**B 11.1 The Firefighter, given the necessary equipment and operating as an individual and as a member of a team, shall demonstrate the method of working from a ladder with a charged attack lines of two different sizes, both of which shall be 1 1/2 inch or larger.**

**B 11.2 The Firefighter shall demonstrate methods of carrying hose into a building to connect to a standpipe and the methods of advancing a hose line from a standpipe as specified by authority having jurisdiction.**

**B 11.3 The Firefighter shall demonstrate the method of preparing an apparatus for drafting as specified by the authority having jurisdiction.**

**B 11.4 The Firefighter shall demonstrate conducting an annual service test for fire hose.**

### **B 12.0 Ladders**

**B 12.1 The Firefighters shall correctly climb the full length of every type of ground ladder as specified by the authority having jurisdiction and bring and "injured person" down the ladder.**

**B 12.2 The Firefighter shall demonstrate the methods of working from ground ladders with tools and appliances as specified by the authority having jurisdiction.**

**B 12.3 The Firefighter shall demonstrate a nationally accepted annual service test for ground ladders.**

**B 12.4 The Firefighter, given the necessary equipment, shall demonstrate all ladder evolutions specified by the authority having jurisdiction.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **B 13.0 Operation Procedures of Pumper Company**

**B 13.1 The Firefighter, given the necessary equipment, shall demonstrate all hand lose lays specified by the authority having jurisdiction.**

**B 13.2 The Firefighter shall demonstrate setting up a pump operation with two different sizes of hose, both of which will be 1-1/2 inch or larger as specified by the authority having jurisdiction.**

### **B 14.0 Operating Procedures of Ladder Company**

**B 14.1 The Firefighter shall demonstrate setting up an aerial ladder for operation as specified by the authority having jurisdiction.**

**Remarks:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**I certify that Firefighter \_\_\_\_\_  
has demonstrated competence in all of the above checked qualifications.**

_____ <b>Date</b>	_____ <b>Rank</b>	_____ <b>Supervisor Signature</b>
_____ <b>Date</b>	_____ <b>Rank</b>	_____ <b>JATC and/or Training Officer Signature</b>

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **Step C**

**1167 Hours**

#### **C 1.0 Equipment and Appliance Handling**

- C 1.1 The Firefighter, given an approved Fire Department Pumper, shall identify, select, and demonstrate the use of any nozzle carried on that pumper.**
- C 1.2 The Firefighter, given equipment used by the authority having jurisdiction and operating as a member of a team, shall demonstrate extrication procedures of injured victim(s) for vehicular accidents.**
- C 1.3 The Firefighter, given the necessary equipment for salvage operations by the authority having jurisdiction, shall demonstrate and explain their function.**

#### **C 2.0 Water Supply**

- C 2.1 The Firefighter shall define a water hammer and methods for its prevention.**
- C 2.2 The Firefighter shall identify conditions that result in pressure losses in a hose line.**
- C 2.3 The Firefighter shall demonstrate hydrant/pumper connection and calculate the necessary pump pressure desired for nozzle discharge as specified by the authority having jurisdiction.**
- C 2.4 The Firefighter shall identify the following parts of a water distribution system:**
  - a. Distributors**
  - b. Primary Feeders**
  - c. Secondary Feeders**

#### **C 3.0 Breathing Apparatus**

- C 3.1 The Firefighter shall name the various hazardous respiratory environments encountered in fire fighting.**
- C 3.2 The Firefighter shall explain the physical requirements of the wearer, the limitations and duration factor of protective breathing apparatus, and the safety features of all types of protective breathing apparatus used and specified by the authority having jurisdiction.**



## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **C 4.0 Forcible Entry**

**C 4.1 The Firefighter shall identify materials and construction features of doors, windows, roofs, floors, and vertical barriers found in the area of the authority and demonstrate methods and procedures of forcible entry as specified by the authority having jurisdiction.**

### **C 5.0 Fire Prevention**

**C 5.1 The Firefighter shall demonstrate a knowledge of common causes of fires and their prevention.**

**C 5.2 The Firefighter shall identify and explain pre-fire survey procedures as specified by the authority having jurisdiction.**

**C 5.3 The Firefighter shall demonstrate a knowledge of the fire inspection procedures used by the Fire Inspection Bureau.**

### **C 6.0 Ventilation**

**C 6.1 The Firefighter, given a fire axe, shall demonstrate the ventilation of a roof and a floor as specified by the authority having jurisdiction.**

**C 6.2 The Firefighter shall identify and explain the theory of a "back draft explosion".**

**C 6.3 The Firefighter shall demonstrate how to determine the size of an opening for ventilation, how to locate these openings, and identify and explain the exposure and precautions to be taken during ventilation.**

**C 6.4 The Firefighter shall demonstrate and explain ventilation using water fog.**

### **C 7.0 Ropes and Knots**

**C 7.1 The Firefighter, using an approved knot as specified by the authority having jurisdiction, shall hoist any selected departmental equipment to a height of at least twenty (20) feet.**

**C 7.2 The Firefighter shall demonstrate the method of inspecting, cleaning and maintaining rope as specified by the authority having jurisdiction.**

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### **C 8.0 Salvage and Overhaul**

- C 8.1 The Firefighter, given salvage equipment and operating as an individual and as a member of a team, shall demonstrate the construction and use of a water chute and water catchall.**
- C 8.2 The Firefighter, given the necessary equipment, shall demonstrate the covering and closing of openings made during fire fighting operations.**
- C 8.3 The Firefighter shall explain the methods of preserving evidence at fire scenes as specified by the authority having jurisdiction.**

### **C 9.0 First Aid**

- C 9.1 The Firefighter shall identify the signs of cardiac arrest.**
- C 9.2 The Firefighter shall identify the types of external bleeding and the characteristics of each.**
- C 9.3 The Firefighter shall identify the sources from which information might be gathered pertaining to the nature of an accident victim's injuries.**
- C 9.4 The Firefighter shall identify the types of fractures and describe the differences.**
- C 9.5 The Firefighter shall identify the general symptoms of possible fractures.**
- C 9.6 The Firefighter, given a specified fracture, shall demonstrate the emergency care necessary to comfort the victim.**
- C 9.7 The Firefighter shall identify the symptoms of traumatic shock.**
- C 9.8 The Firefighter shall demonstrate how to treat traumatic shock.**

### **C 10.0 Records and Reports**

- C 10.1 The Firefighter shall demonstrate filling out incident reports for Fire and First Aid calls as specified by the authority having jurisdiction.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **C 11.0 Introduction to Fire Tactics (First year, sec.2q)**

**C 11.1 The Firefighter shall demonstrate the general fire behavior expected within each building construction, including the spread of fire, and the safety of the building occupants and fire fighters.**

**C 11.2 The Firefighter shall identify characteristics of various types of fire streams.**

### **C 12.0 Apparatus**

**C 12.1 The Firefighter shall demonstrate the checking and maintenance procedures of light duty apparatus as specified by the authority having jurisdiction.**

### **C 13.0 Response District**

**C 13.1 The Firefighter shall identify the major areas of the response jurisdiction as specified by the authority having jurisdiction.**

### **C 14.0 Fire Alarm Center**

**C 14.1 The Firefighter shall demonstrate the correct procedure for a citizen to report a fire or other emergency.**

**C 14.2 The Firefighter shall demonstrate receiving an alarm or report of an emergency and initiate proper action.**

**C 14.3 The Firefighter shall describe the purpose and function of all alarm receiving instruments and personnel.**

**C 14.4 The Firefighter shall explain traffic control devices installed in the fire station to facilitate the response of apparatus.**

**C 14.5 The Firefighter shall demonstrate procedures required for receipt and processing of business and personal calls.**

**Remarks:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

I certify that Firefighter \_\_\_\_\_  
has demonstrated competence in all of the above checked qualifications.

_____ <b>Date</b>	_____ <b>Rank</b>	_____ <b>Supervisor Signature</b>
_____ <b>Date</b>	_____ <b>Rank</b>	_____ <b>JATC and/or Training Officer Signature</b>

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **Step D**

**1167 Hours**

#### **D 1.0 Public Relations**

- D 1.1 The Firefighter shall describe the importance of Public Relations relative to the inspection programs of the Fire Department.**
- D 1.2 The Firefighter shall explain the benefits derived from conducting and carrying out Public Relations in a consciences manner.**

#### **D 2.0 Extinguishers**

- D 2.1 The Firefighter shall select the proper type of extinguisher and use that extinguisher to fight a live fire.**

#### **D 3.0 Hazardous Materials**

- D 3.1 The Firefighter shall complete the four hour course offered through Fire Service Training on Identifying and Recognizing Hazardous Materials.**
- D 3.2 The Firefighter shall drill at least two hours a month on the subject of hazardous materials as required by law.**
- D 3.3 The Firefighter shall drill at least two hours a month on the subject of hazardous materials as required by law.**

#### **D 4.0 Departmental Operating Procedures**

- D 4.1 The Firefighter shall keep current, all policies and procedures of the fire department and may be tested on all of these to date.**

#### **D 5.0 Sprinkler & Standpipe Operations**

- D 5.1 The Firefighter shall identify all occupancies within the response area, which are equipped with fire suppression systems.**
- D 5.2 The Firefighter shall name the type of system in each occupancy.**
- D 5.3 The Firefighter shall identify the F.D. connection location at each occupancy and name the location of the closest hydrant.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **D 6.0 Live Fire Experience**

- D 6.1 The Firefighter shall demonstrate the ability to set up for a foam operation at the scene of flammable liquids incident.**
- D 6.2 The Firefighter shall utilize foam (AFFF) in the extinguishment of a live flammable liquids fire, demonstrating the proper techniques of application.**

### **D 7.0 Fire Tactics II See Section E.9.0**

### **D 8.0 Fire Hose**

- D 8.1 The Firefighter, given the necessary equipment, shall demonstrate all hand hose lays specified by the authority having jurisdiction.**
- D 8.2 The Firefighter, given the necessary equipment, shall describe the recoupling of hose, 1-1/2 or larger.**
- D 8.3 The Firefighter shall demonstrate how to conduct an annual hose service test and record the final outcome as specified by the authority having jurisdiction.**

### **D 9.0 Ladders (Ground and Aerial)**

- D 9.1 The Firefighter, operating as an individual and as a member of a team, shall raise every type and size of ground ladders as specified by the authority having jurisdiction using the different raises for each ladder.**
- D 9.2 The Firefighter shall demonstrate the operating procedures of an aerial ladder as specified by the authority having jurisdiction.**
- D 9.3 The Firefighter shall demonstrate an annual service test for an aerial ladder as specified by the authority having jurisdiction.**

### **D 10.0 Operation Procedures of Pumper Company**

- D 10.1 The Firefighter, given an approved pump, shall demonstrate conducting an annual service test and complete the necessary records and reports as specified by the authority having jurisdiction.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

**D 10.2 The Firefighter shall explain the mechanical operation of a single stage and two stage pump, to include the priming mechanism, as specified by the authority having jurisdiction.**

**D 10.3 The Firefighter shall demonstrate the checking and maintenance procedures of heavy-duty apparatus as specified by the authority having jurisdiction.**

**D 10.4 The Firefighter shall demonstrate driving and operation of heavy-duty apparatus under normal and emergency conditions as specified by the authority having jurisdiction.**

### **D 11.0 Equipment and Appliance Handling**

**D 11.1 The Firefighter, given the necessary tools, shall demonstrate the procedure to remove debris, rubble and other materials found at hostile environments.**

**D 11.2 The Firefighter shall identify the types of nozzle streams and describe the application purpose of each.**

**D 11.3 The Firefighter shall identify and explain foam making appliances and produce a foam stream from all types of foam making appliances used by the authority having jurisdiction.**

**D 11.4 The Firefighter, given salvage equipment but excluding salvage covers, shall demonstrate the routing and removal of water from a structure.**

**D 11.5 The Firefighter, given the necessary equipment, shall demonstrate the covering or closing of openings made during fire fighting operations.**

### **D 12.0 Water Supplies**

**D 12.1 The Firefighter shall identify the following types of fire hydrants:**

- a. Wet-barrel fire hydrant**
- b. Dry-barrel fire hydrant**
- c. Flush fire hydrant**
- d. Suction Fire Hydrant**
- e. High Pressure hydrant and explain the operating nomenclature of each as specified by the authority having jurisdiction.**

**D 12.2 The Firefighter, given a pitot tube and gauge, shall demonstrate its use and properly read and record various flow pressures.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

**D 12.3 The Firefighter shall explain the following:**

- a. Static pressure**
- b. Residual pressure**

**D 12.4 The Firefighter shall demonstrate knowledge of hydrant locations within the area of jurisdiction.**

### **D 13.0 Breathing Apparatus**

**D 13.1 The Firefighter shall demonstrate the correct procedure for daily inspection and maintenance of the breathing apparatus used by the authority having jurisdiction.**

**D 13.2 The Firefighter, given each type of breathing apparatus cylinder used by the authority having jurisdiction, shall demonstrate the correct procedure for recharging.**

**D 13.3 The Firefighter shall demonstrate the correct use of emergency procedures during breathing apparatus failure as specified by the authority having jurisdiction.**

### **D 14.0 Forcible Entry**

**D 14.1 The Firefighter shall demonstrate methods and procedures of forcible entry used in conjunction with ventilation as specified by the authority having jurisdiction.**

**Remarks:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**I certify that Firefighter \_\_\_\_\_  
has demonstrated competence in all of the above checked qualifications.**

_____	_____	_____
<b>Date</b>	<b>Rank</b>	<b>Supervisor Signature</b>
_____	_____	_____
<b>Date</b>	<b>Rank</b>	<b>JATC and/or Training Officer Signature</b>



## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **Step E**

**1167 Hours**

#### **E 1.0 Fire Prevention**

- E 1.1 The Firefighter shall prepare diagrams to record the locations of items of concern during pre-fire planning operations.**
- E 1.2 The Firefighter shall collect and record, in writing, information required for the purpose of preparing a pre-fire survey.**
- E 1.3 The Firefighter shall identify common fire hazards and make recommendations for their correction.**
- E 1.4 The Firefighter shall explain life safety programs for the home.**

#### **E 2.0 Ventilation**

- E 2.1 The Firefighter shall demonstrate the use of all different types of power equipment for ventilation purposes as used by the authority having jurisdiction.**
- E 2.2 The Firefighter shall identify the different types of roofs and demonstrate methods used to ventilate each type and explain necessary precautions.**
- E 2.3 The Firefighter shall demonstrate the removal of skylights, scuttle covers, and other covers on the roof tops and the reasons for such action.**

#### **E 3.0 Extinguishers**

- E 3.1 The Firefighter shall demonstrate knowledge of fire suppression agents used by the authority having jurisdiction.**
- E 3.2 The Firefighter shall demonstrate a working knowledge of fire chemistry in relation to fire tactics.**
- E 3.3 The Firefighters shall demonstrate maintenance and recharging of all departmental extinguishers as specified by the authority having jurisdiction.**

#### **E 4.0 Ropes and Knots**

- E 4.1 The Firefighter, when given a simulated firefighting or rescue task, shall select the appropriate size, strength, and length rope and demonstrate usage for the task.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

**E 4.2 The Firefighter shall demonstrate the use of rope, using approved knots and hitches, to tie ladders, hose, and other equipment so as to secure them to immovable objects as specified by the authority having jurisdiction.**

**E 4.3 The Firefighter, given the proper rope, shall tie the proper knot on a person during a rescue situation.**

### **E 5.0 Salvage and Overhaul**

**E 5.1 The Firefighter shall demonstrate shutting off gas services to a building.**

**E 5.2 The Firefighter shall demonstrate assuming control of Fire Department operation for salvage and overhaul of a building and its contents in the absence of a fire officer.**

**E 5.3 The Firefighter shall identify water and smoke damage potential to structure, contents, and other objects by excessive utilization of extinguishing agents.**

**E 5.4 The Firefighter shall demonstrate determining the point of origin, possible cause and preservation of evidence in fires of a suspicious nature in accordance with authority having jurisdiction.**

**E 5.5 The Firefighter shall explain methods and precautions in salvage and overhaul techniques of fire damaged structures.**

### **E 6.0 Hazardous Materials**

**E 6.1 The Firefighter shall identify and explain the symbols used to designate hazardous materials and areas, and identify precautions that Firefighters are expected to observe and follow in such areas as specified by the authority having jurisdiction.**

### **E 7.0 First Aid**

**E 7.1 The Firefighter, given specified situations, shall identify what injuries might be suspected from observation in addition to those injuries that are obvious.**

**E 7.2 The Firefighter, given a victim, shall conduct a secondary survey for other than life threatening injuries.**

**E 7.3 The Firefighter shall identify the symptoms of internal bleeding.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

- E 7.4 The Firefighter shall demonstrate caring for a person with known or suspected internal bleeding.**
- E 7.5 The Firefighter shall list the classes of thermal burns according to severity and explain the physical characteristics of each class.**
- E 7.6 The Firefighter, given a specified situation, shall demonstrate the emergency care procedure and explain the significance of each step.**
- E 7.7 The Firefighter shall identify the emergency care for chemical burns, including chemical burns of the eyes.**
- E 7.8 The Firefighter shall demonstrate and explain the anatomical process of breathing.**
- E 7.9 The Firefighter shall demonstrate the heart-lung brain relationship as it affects life and explain what occurs when an airway obstruction is not corrected.**
- E 7.10 The Firefighter shall demonstrate cardiopulmonary resuscitation employing the two man technique.**
- E 7.11 The Firefighter shall demonstrate how to prepare a victim for emergency transportation by using standard available equipment and/or by improvising methods.**

### **E 8.0 Records and Reports**

- E 8.1 The Firefighter shall demonstrate arrival and situation reports (short reports) over Fire Department radios in the manner specified by the authority having jurisdiction.**
- E 8.2 The Firefighter shall demonstrate filling our Company Officer's daily, monthly, and semi-annual reports as specified by the authority having jurisdiction.**

### **E 9.0 Fire Tactics**

- E 9.1 The Firefighter shall demonstrate the basic concepts of Fire Tactics as specified by the authority having jurisdiction.**
- E 9.2 The Firefighter, given fire ground situations, shall select and identify the proper hose, adapters, and appliances necessary to control the situation.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **E 10.0 Response District**

**E 10.1 The Firefighter shall demonstrate response routes to area destinations within the area of jurisdiction.**

### **E 11.0 Fire Alarm**

**E 11.1 The Firefighter shall identify and demonstrate a knowledge of fire alarm systems within the area of jurisdiction.**

**E 11.2 The Firefighter shall demonstrate proper use of radio equipment, both mobile and portable, as specified by the authority having jurisdiction.**

**E 11.3 The Firefighter shall identify and explain fire location indicators (sub-panel) provide to direct Firefighters to specific locations in protected public and/or private properties.**

**E 11.4 The Firefighter shall demonstrate the ordering of multiple alarms and other calls for assistance from the alarm center and fire grounds as specified by the authority having jurisdiction.**

**E 11.5 The Firefighter shall identify and explain all fire alarm signals, including multiple alarms, governing the movements of fire apparatus and the action to be taken upon the receipt of each signal.**

### **E 12.0 Sprinkler and Standpipe Operation**

**E 12.1 The Firefighter, when given a sprinkler head in serviceable use, shall demonstrate how the automatic sprinkler head opens and releases water.**

**E 12.2 The Firefighter shall identify the main drain valve on an automatic sprinkler system.**

**E 12.3 The Firefighter shall open and close a main drain valve on an automatic sprinkler system.**

**E 12.4 The Firefighter shall identify the main control valve on an automatic sprinkler system.**

**E 12.5 The Firefighter shall demonstrate knowledge of the value of automatic sprinklers in providing safety to life of occupants in a structure.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

- E 12.6 The Firefighter shall demonstrate knowledge of the value of automatic sprinklers in providing safety to life of occupants in a structure.**
- E 12.7 The Firefighter shall identify and explain the dangers of premature closure of sprinkler main control valve and of using fire hydrants to supply fire hose streams when the same water system is supplying the automatic sprinkler system.**
- E 12.8 The Firefighter shall identify the difference between an automatic sprinkler system that affords complete coverage and a partial sprinkler system.**
- E 12.9 The Firefighter shall identify different sources of water for supply to an automatic sprinkler system.**
- E 12.10 The Firefighter shall identify the following:**
- a. Wet sprinkler system**
  - b. Dry sprinkler system**
  - c. Deluge sprinkler system**
  - d. Pre-action**
- E 12.11 The Firefighter, when given the tools and sprinkler heads, shall properly remove one head from the system and replace it with a head of the same type.**
- E 12.12 The Firefighter, given an alarm valve of an automatic sprinkler system, shall demonstrate the operation of the valve.**
- E 12.13 A Firefighter, given various sprinkler heads, shall identify all of them correctly as to:**
- a. Temperature rating**
  - b. Pendant or upright**
  - c. Special types**
- E 12.14 A Firefighter shall identify the Alarm test valve on an automatic sprinkler system.**
- E 12.15 The Firefighter, given an automatic sprinkler system, shall operate the Alarm test valve in such a manner as to actually test the system.**
- E 12.16 The Firefighter, given a velocity drain valve or ball drip valve on the Fire Department connection of an automatic sprinkler system shall demonstrate that the valve is operating and the pipe drained.**
- E 12.17 The Firefighter, given a check valve on the Fire Department connection to an automatic sprinkler system, shall demonstrate the direction of flow of water through the valve.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

**E 12.18 The Firefighter shall read and record the indicated pressures on all gauges provided on a standard Wet automatic sprinkler system and name each gauge.**

**E 12.19 The Firefighter shall identify and explain the reliability of automatic sprinkler systems and shall identify reasons for unsatisfactory performance.**

**E 12.20 The Firefighter, by inspection of an automatic sprinkler system in a building, shall identify and explain if obstructions to sprinkler heads are present and what is the required clearance for the sprinkler head for obstruction.**

### **E 13.0 Live Fire Experience**

**E 13.1 The Firefighter shall identify observable results that are obtained when proper application of a fire stream is accomplished.**

**E 13.2 The Firefighter shall demonstrate applying foam during fire attack and/or hostile situations as specified by the authority having jurisdiction.**

### **E 14.0 Fire Hose**

**E 14.1 The Firefighter, given the necessary equipment, shall demonstrate the responsibilities and actions of all positions as specified by the authority having jurisdiction.**

**Remarks:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**I certify that Firefighter \_\_\_\_\_  
has demonstrated competence in all of the above checked qualifications.**

_____	_____	_____
<b>Date</b>	<b>Rank</b>	<b>Supervisor Signature</b>
_____	_____	_____
<b>Date</b>	<b>Rank</b>	<b>JATC and/or Training Officer Signature</b>

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **Step F**

**1167 Hours**

#### **F 1.1 Operation Procedures of Pumper Company**

- F 1.1 The Firefighter, given the necessary equipment, shall demonstrate the responsibilities and actions of all positions as specified by the authority having jurisdiction.**

#### **F 2.0 Operation Procedures of Ladder Company**

- F 2.1 The Firefighter, given an approved aerial ladder, shall demonstrate driving and operation as specified by the authority having jurisdiction.**
- F 2.2 The Firefighter shall demonstrate an annual service test of an aerial ladder and how to properly record the findings according to the authority having jurisdiction.**

#### **F 3.0 Equipment and Appliance Handling**

- F 3.1 The Firefighter shall construct a diagram to identify the types of fog nozzles, identify the major parts, and trace their water flow.**
- F 3.2 The Firefighter, given a selection of nozzles and tips, shall identify their type, design, operation, nozzle pressure, and flow in GPM for proper operation.**
- F 3.3 The Firefighter shall explain all different types of equipment for mechanical ventilation used by the authority having jurisdiction.**

#### **F 4.0 Water Supplies**

- F 4.1 The Firefighter shall identify and explain the various mental components of a modern water distribution system.**
- F 4.2 The Firefighter, given a chart, table, size of openings, and velocity pressures, shall determine the quantity of water flowing from various openings.**
- F 4.3 A Firefighter shall identify the pipe sizes used in water distribution systems for residential, business, and industrial districts.**
- F 4.4 A Firefighter shall identify various causes of increased resistance or friction loss with water flow mains.**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **F 5.0 Breathing Apparatus**

- F 5.1 The Firefighter shall demonstrate the operational functions of all types of protective breathing apparatus by the authority having jurisdiction.**
- F 5.2 The Firefighter shall demonstrate the principles of operations of the following types of protective breathing apparatus approved for fire fighting use.**

### **F 6.0 Fire Prevention**

- F 6.1 The Firefighter shall demonstrate the principal types of building construction as defined in the local building code.**
- F 6.2 The Firefighter shall demonstrate the general fire behavior expected within each type of building construction, including the spread of fire and the safety of the building, occupants, and firefighters.**
- F 6.3 The Firefighter shall identify the duties and responsibilities of fire investigators.**
- F 6.4 The Firefighter shall identify the action to be taken under designated procedures whenever fire hazards or suspected fire hazards are encountered during inspections.**

### **F 7.0 Extinguishers**

- F 7.1 The Firefighter shall demonstrate that fire extinguishers in an inspected premises are of required type and rating, conform to fire prevention code requirements where applicable, and have been inspected and serviced within the required period.**

### **F 8.0 Ropes & Knots**

- F 8.1 The Firefighter shall demonstrate the use of rescue lines during fire attack and hostile rescue situations.**

### **F 9.0 Salvage & Overhaul**

- F 9.1 The Firefighter shall demonstrate methods and procedures used to detect and extinguish hidden fires.**



## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **F 10.0 Hazardous Materials**

- F 10.1 The Firefighter shall identify hazardous materials commonly found in manufacturing, commercial, residential, and public assembly occupancies.**
- F 10.2 The Firefighter shall identify hazardous materials being transported through the area of jurisdiction.**
- F 10.3 The Firefighter shall identify and explain local code requirements covering the storage and transportation of hazardous material.**
- F 10.4 The Firefighter shall demonstrate assuming command of a hazardous material emergency.**

### **F 11.0 Records and Reports**

- F 11.1 The Firefighter shall demonstrate, in writing, the filling out of a Company Officer daily, weekly, monthly, and yearly report as specified by the authority having jurisdiction.**

### **F 12.0 Tactics**

- F 12.0 The Firefighter shall demonstrate assuming command of a fire ground operation.**

### **F 13.0 Response District**

- F 13.1 The Firefighter shall demonstrate the inspection of standpipe systems for Fire Protection including visual inspection of hose (where provided), nozzles, hose outlet threads, and Fire Department connections.**
- F 13.2 The Firefighter shall identify sprinkler connections in the area of jurisdiction.**
- F 13.3 The Firefighter shall identify standpipe connections in the area of jurisdiction.**
- F 13.4 The Firefighter shall explain local requirements for sprinkler and standpipe installations in the area of jurisdiction.**

**CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

**Remarks:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**I certify that Firefighter \_\_\_\_\_  
has demonstrated competence in all of the above checked qualifications.**

_____ <b>Date</b>	_____ <b>Rank</b>	_____ <b>Supervisor Signature</b>
_____ <b>Date</b>	_____ <b>Rank</b>	_____ <b>JATC and/or Training Officer Signature</b>

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

### **IX. RELATED/SUPPLEMENTAL INSTRUCTION:**

The apprentice must attend related/supplemental instruction. Time spent in related/supplemental instruction will not be considered as hours of work, and the apprentice is not to be paid for time so spent, unless otherwise stated in these Standards.

The sponsor/training agent must provide for instruction of the apprentice during the related/supplemental instruction in safe and healthful work practices in compliance with the Washington Industrial Safety and Health Act, and applicable federal and state regulations.

In case of failure on the part of any apprentice to fulfill this obligation, the sponsor has authority to take disciplinary action (see Administrative/Disciplinary Procedures section).

Clock hours of actual attendance by the apprentice in related/supplemental instruction classes at the community/technical college or other approved training locations shall be reported to L&I on a quarterly basis for verifying attendance and industrial insurance purposes.

For industrial insurance purposes, the WSATC will be considered as the employer should any apprentice, not being paid to attend, sustain an injury while participating in related/supplemental classroom activity, or other directly related activity outside the classroom. The activities must be at the direction of the instructor.

The methods of related/supplemental training must consist of one or more of the following:

- ☒ (X) Supervised field trips
- ☒ (X) Approved training seminars
- ☒ (X) A combination of home study and approved correspondence courses
- ☐ ( ) State Community/Technical college
- ☐ ( ) Private Technical/Vocational college
- ☐ ( ) Training trust
- ☒ (X) Other (specify): **Washington State Fire Academy - 240 hours; E.M.T. Certification 82 hours; 200 hours per year on shift training.**

**144** Minimum RSI hours per year, (see WAC 296-05-305(5))

Additional Information:

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

- A. Satisfactory progress must be maintained in related training classes. (See Section X)**
- B. Maintain E.M.T. Certification as required in the current collective bargaining agreement.**
- C. All recruit fire/medic apprentices shall successfully complete the eight (8) week continuous day shift schedule before assignment to a permanent company.**
- D. The apprenticeship Committee will accept only fire service-related courses for previous credit.**
- E. Three (3) hours of related training credit may be allowed for five-page report on 8½ x 11 paper, double spaced, to a maximum of 75 hours.**
- F. SUGGESTED CURRICULUM FOR RELATED INSTRUCTION:**
  - 1. Fundamentals of fire suppression**
  - 2. Arson detection**
  - 3. Elementary chemistry for firefighters**
  - 4. Elementary physics for firefighters**
  - 5. Mathematics for the fire service**
  - 6. Fundamentals of fire protection**
  - 7. Elementary fire service hydraulics**
  - 8. Fundamentals of building construction**
  - 9. Mechanical drawing**
  - 10. Blueprint reading**
  - 11. Uniform fire code**
  - 12. Uniform building code**
  - 13. Fire prevention inspection**
  - 14. Prefire planning**
  - 15. Fire behavior related to local hazards and conditions**
  - 16. Application of extinguishing agents including water**
  - 17. Personnel rules and regulations**
  - 18. Bargaining agreement including grievance procedures**
  - 19. Local detection and extinguishing systems.**
  - 20. Washington State Fire Service Training**

## **X. ADMINISTRATIVE/DISCIPLINARY PROCEDURES:**

Sponsors may include in this section requirements and expectations of the apprentices and training agents and an explanation of disciplinary actions that may be imposed for noncompliance. The sponsor has the following disciplinary procedures that they may impose: Disciplinary Probation, Suspension, or Cancellation.

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

Disciplinary Probation: A time assessed when the apprentice's progress is not satisfactory. During this time the program sponsor may withhold periodic wage advancements, suspend or cancel the apprenticeship agreement, or take further disciplinary action. A disciplinary probation may only be assessed after the initial probation is completed. During the disciplinary probation, the apprentice has the right to file an appeal of the committee's action with the WSATC (as described in WAC 296-05-009).

Suspension: A suspension is a temporary interruption in progress of an individual's apprenticeship program that may result in the cancellation of the Apprenticeship Agreement. Could include temporarily not being allowed to work, go to school or take part in any activity related to the Apprenticeship Program until such time as the Apprenticeship Committee takes further action.

Cancellation: Refers to the termination of an apprenticeship agreement at the request of the apprentice, supervisor, or sponsor. (as described in WAC 296-05-009).

### **A. General Procedures**

#### **1. PERFORMANCE STANDARDS**

**The training Officer and/or JATC shall periodically examine and evaluate the Apprentice at designated intervals stipulated by Department regulations.**

**NOTE: Always done prior to step increases:**

- a. The Apprentice shall achieve 70% or above to satisfactorily pass written and/or oral examinations.**
- b. The Apprentice shall achieve 70% or above to satisfactorily pass field and/or practical skill performance.**
- c. The Apprentice shall maintain a satisfactory knowledge and performance of past material and techniques throughout the various steps during Apprentice training.**
- d. The Journey-level Firefighter shall continue maintaining satisfactory performances after completing the Apprenticeship training, according to Department regulations.**

#### **2. APPRENTICESHIP FIREFIGHTER RESPONSIBILITIES**

- a. Maintain notebook of Minimum Standards Sheet and have each performance objective accepted, signed, dated, and remarks indicated**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

by Officer or immediate supervisor when objective is satisfactorily met.

- b. Develop and maintain a "workbook" with all information, statistics, notes, etc. leading up to knowledge required to reach objectives of each subject, also indicating where such information was obtained.
- c. Keep such "workbook" available so that the Officer or immediate supervisor may review study progress of Firefighter. This could also be used by Officer or immediate supervisor for reference to direct questions to Apprentice as a method of determining knowledge level and progress.
- d. Firefighter is responsible for daily record of progress and review by Officer or immediate supervisor. He is also responsible for obtaining approval signature of Officer or immediate supervisor.
- e. Firefighter to turn in copy of progress sheet to Officer or immediate supervisor at end of each month for review and forwarding to Training Division.
- f. Firefighter shall maintain master pages of progress report in his notebook for reference and continuing achievement.
- g. Firefighter is responsible for study time and records of study subjects and time spent both on and off duty relative to the 144 hours of related instruction per suggested curriculum outline.
- h. Reference Materials for Firefighter Objectives:
  - (1) The question for the oral and written exams will be taken from these references. Consequently, it is strongly recommended that the Firefighter write out all answers and file them in his notebook. This will avoid looking up each reference twice; once to complete the objective, and a second time to prepare for the exam. Writing out all the answers does take time, but it assists in memory retention and provides a ready reference source for later.
  - (2) The JATC references need periodic updating to remain current with new sources or new editions of old sources. Thus, if a Firefighter finds what he believes to be a better reference source, he should send a memo to the JATC Committee so that it can be reviewed and included, if appropriate.  
The memo should include:

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

- (a) The objective number.
- (b) The current reference.
- (c) The proposed reference.
- (d) Why it is believed the proposed reference is a better source. Also, there may be typographical errors in the reference list. If one is found, please send a memo to the JATC Committee using the above format.

### **3. OFFICER OR IMMEDIATE SUPERVISOR RESPONSIBILITIES**

- a. Determine that the Apprenticeship Firefighter completes his assignments and puts in study and/or performance time on subjects connected with the Apprenticeship Training program.
- b. Question the Apprenticeship Firefighter on subjects studied or have Firefighter demonstrate practical subjects monthly.
- c. Assist the Apprenticeship Firefighter in any way possible and review Progress Report Record and sign after questions have been completed, or practical subjects have been reviewed.
- d. Review the Progress Record at the end of each month and forward to the Training Division.

### **4. TRAINING OFFICER AND/OR JATC RESPONSIBILITIES**

- a. Ensure that adequate supervision is provided to maintain control for Apprentice Firefighter to satisfactorily fulfill the minimum requirements.
- b. To make available adequate material, facilities and equipment for demonstrating performance objectives.
- c. The Training Officer and or JATC shall examine the work, drill and training records of the Apprentice monthly.

**NOTE: If an Apprentice fails to progress satisfactorily, the Training Officer and JATC shall meet and discuss the circumstances. The JATC shall make appropriate recommendations to the Department, subject to the conditions of the Bargaining Contract, Civil Service Regulations, statutes or Departmental Regulations.**

#### **B. Local Apprenticeship Committee Policies**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

NONE

### **C. Complaint and Appeal Procedures:**

All approved programs must establish procedures explaining the program's complaint review process. Complaints that involve matters covered by a collective bargaining agreement are not subject to the complaint review procedures in this section.

**Complaint** (after initial probation completed) – WAC 296-05-009 and 296-05-316(21)

Prior to: 20 days of intention of disciplinary action by a committee/organization

- Committee/organization must notify the apprentice in writing of action to be taken
- Must specify the reason(s) for discipline, suspension, or cancellation
- Decision will become effective immediately
- Written reason(s) for such action will be sent to the apprentice

Within: 30 days request for reconsideration from the committee

- Apprentice to request local committee to reconsider their action

Within: 30 days of apprentice's request for reconsideration

- Local committee/organization must provide written notification of their final decision

**If apprentice chooses to pursue the complaint further:**

Within: 30 days of final action

- Apprentice must submit the complaint in writing to the supervisor (L&I)
- Must describe the controversy and provide any backup information
- Apprentice must also provide this information to the local committee/organization

Within: 30 days for supervisor to complete investigation

- If no settlement is agreed upon during investigation, then supervisor must issue a written decision resolving the controversy when the investigation is concluded

**If the apprentice or local committee/organization disputes supervisor decision:**

Within: 30 days of supervisor's decision, request for WSATC hearing

- Request must be in writing



## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

- Must specify reasons supporting the request
- Request and supporting documents must be given to all parties
- WSATC must conduct the hearing in conjunction with the regular quarterly meeting

Within: 30 days after hearing

- WSATC to issue written decision

### **XI. COMMITTEE – RESPONSIBILITIES AND COMPOSITION**

NOTE: The following is an overview of the requirements associated with administering an apprenticeship committee and/or program. These provisions are to be used with the corresponding RCW and/or WAC.

The sponsor is the policymaking and administrative body responsible for the operation and success of this apprenticeship program. A committee is responsible for the day-to-day operations of the apprenticeship program and they must be knowledgeable in the process of apprenticeship and/or the application of Chapter 49.04 RCW and Chapter 296-05 WAC. Sponsors must develop procedures for:

A. Committee Operations (WAC 296-05-316): (Not applicable for Plant Programs)

Convene meetings at least three times per year of the program sponsor and apprenticeship committee attended by a quorum of committee members as defined in the approved Standards. If the committee does not indicate its definition of quorum, the interpretation will be “50% plus 1” of the approved committee members.

Conference call meetings may be conducted in lieu of regular meetings but must not exceed the number of attended meetings and no disciplinary action can be taken during conference call meetings.

B. Program Operations (Chapter 296-05 WAC - Part C & D):

1. The sponsor will record and maintain records pertaining to the local administration of the apprenticeship program and make them available to the WSATC or its representative on request.

Records required by WAC 296-05-400 through 455 (see Part D of Chapter 296-05 WAC) will be maintained for five (5) years; all other records will be maintained for three (3) years.

2. The sponsor will submit to L&I through the assigned state apprenticeship coordinator the following list:

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

Forms are available on line at

<http://www.lni.wa.gov/TradesLicensing/Apprenticeship/FormPub/eForms> or from your assigned apprenticeship coordinator.

- Apprenticeship Agreement Card – within first 30 days of employment
  - Authorization of Signature - as necessary
  - Authorized Training Agent Agreements (committee approving or canceling) – within 30 days
  - Apprenticeship Committee Meeting Minutes – within 30 days of meeting (not required for Plant program)
  - Change of Status – within 30 days of action by committee, with copy of minutes
  - Journey Level Wage – at least annually, or whenever changed
  - Revision of Standards and/or Committee Composition - as necessary
  - RSI (Quarterly) Reports:
    - 1st quarter: January through March, by April 10
    - 2nd quarter: April through June, by July 10
    - 3rd quarter: July through September, by October 10
    - 4th quarter: October through December, by January 10
3. Adopt, as necessary, local program rules or policies to administer the apprenticeship program in compliance with these Standards that must be submitted for L&I approval and updating these Standards. The L&I apprenticeship program manager may administratively approve requests for revisions in the following areas of the Standards:
- Program name
  - Section III: Conduct of Program Under Washington Equal Employment Opportunity Plan
  - Section VII: Apprentice Wages and Wage Progression
  - Section IX: Related/Supplemental Instruction
  - Section XI: Committee - Responsibilities and Composition (including opening statements)
  - Section XII: Subcommittees
  - Section XIII: Training Director/Coordinator

### **C. Management of Apprentices:**

1. Each apprentice (and, if under 18 years of age, the parent or guardian) will sign an apprenticeship agreement with the sponsor, who will then register the agreement, with L&I before the apprentice attends the related/supplemental instruction classes, or within the first 30 days of employment as an apprentice. For the purposes of industrial insurance coverage and prevailing wage exemption under RCW 39.12.021, the effective date of registration will be the date the agreement is received by L&I.

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

L&I must be notified within 30 days of program approval, of all requests for disposition or modification of agreements, with a copy of the committee minutes approving the changes, which may be:

- Certificate of completion
  - Additional credit
  - Suspension (i.e. military service or other)
  - Reinstatement
  - Cancellation and/or
  - Corrections
2. Rotate apprentices in the various processes of the skilled occupation to ensure the apprentice is trained to be a competent journey-level worker.
  3. Periodically review and evaluate apprentices before advancement to the apprentice's next wage progression period. The evidence of such advancement will be the record of the apprentice's progress on the job and during related/supplemental instruction.
  4. The sponsor has the obligation and responsibility to provide, insofar as possible, continuous employment for all apprentices in the program. The sponsor may arrange to transfer an apprentice from one training agent to another, or to another sponsor when the sponsor is unable to provide reasonably continuous employment, or they are unable to provide apprentices the diversity of experience necessary for training and experience in the various work processes as stated in these Standards. The new sponsor or training agent will assume all the terms and conditions of these Standards. If, for any reason, a layoff of an apprentice occurs, the apprenticeship agreement will remain in effect unless canceled by the sponsor.
  5. An apprentice who is unable to perform the on-the-job portion of apprenticeship training may, if the apprentice so requests and the sponsor approves, participate in related/supplemental instruction, subject to the apprentice obtaining and providing to the sponsor written requested document/s for such participation. However, time spent will not be applied toward the on-the-job portion of apprenticeship training.
  6. Hear and adjust all complaints of violations of apprenticeship agreements.
  7. Upon successful completion of apprenticeship, as provided in these Standards, and passing the examination that the sponsor may require, the sponsor will recommend that the WSATC award a Certificate of Completion of Apprenticeship. The program will make an official presentation to the apprentice that has successfully completed his/her term of apprenticeship.

### **D. Training Agent Management:**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

1. Offer training opportunities on an equal basis to all employers and apprentices. Grant equal treatment and opportunity for all apprentices through reasonable working and training conditions and apply those conditions to all apprentices uniformly. Provide training at a cost equivalent to that incurred by currently participating employers and apprentices. Not require an employer to sign a collective bargaining agreement as a condition of participation.
2. Determine the adequacy of an employer to furnish proper on-the-job training in accordance with the provisions of these Standards. Require all employers requesting approved training agent status to complete an approved training agent agreement and comply with all federal and state apprenticeship laws and the appropriate apprenticeship Standards.
3. Submit approved training agent agreements to the department with a copy of the agreement and/or the list of approved training agents within thirty days of committee approval. Submit rescinded approved training agent agreements and/or the list of approved training agents to the department within thirty days of said action.

### **E. Composition of Committee:** (see WAC 296-05-313)

Apprenticeship committees must be composed of an equal number of management and non-management representatives composed of at least four members but no more than twelve. If the committee does not indicate its definition of a quorum, the interpretation will be "50% plus 1" of the approved committee members.

Apprenticeship committees shall elect a chairperson and a secretary who shall be from opposite interest groups, i.e., chairperson-employers; secretary-employees, or vice versa; EXCEPT, this does not apply where the Registration Agency represents the apprentice(s).

For plant programs the WSATC or the department designee will act as the employee representative.

**The Apprenticeship Committee shall be composed of equal representation from Local #451 International Association of Fire Fighters, and Centralia Fire Department supervisors, representing their respective organizations and selected by the groups they represent.**

Quorum: **SEE ABOVE**

Program type administered by the committee: **INDIVIDUAL JOINT**

## **CENTRALIA FIRE DEPARTMENT APPRENTICESHIP COMMITTEE**

The employer representatives shall be:

**Ray Denman, Chief (Secretary)**  
**512 North Pearl**  
**Centralia, WA 98531**

**Candice Rydalch**  
**City of Centralia**  
**118 W. Maple**  
**Centralia, WA 98531**

The employee representatives shall be:

**Greg Schwartz, Fire Chief (Chair)**  
**512 North Pearl**  
**Centralia, WA 98531**

**Karl Vonbargen**  
**512 North Pearl**  
**Centralia, WA 98531**

### **XII. SUBCOMMITTEE:**

Subcommittee(s) approved by L&I, represented equally from management and non-management, may also be established under these Standards, and are subject to the main committee. All actions of the subcommittee(s) must be approved by the main committee.

**NONE**

### **XIII. TRAINING DIRECTOR/COORDINATOR:**

The sponsor may employ a person(s) as a full or part-time training coordinator(s)/training director(s). This person(s) will assume responsibilities and authority for the operation of the program as are delegated by the sponsor.

**NONE**